

2002
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates
where available

Special Locality Report
128
City of Roanoke

Prepared By
Virginia Department of Transportation
Mobility Management Division

In Cooperation With
U.S. Department of Transportation
Federal Highway Administration

Virginia Department of Transportation
Mobility Management Division
Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled "Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes" includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled "Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99".

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people at VDOT Mobility Management's Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

Publication Notes

Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a “Combined Traffic Estimates for Parallel Roadways on this Route” or “Combined Traffic” identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate “NA” for not available.

VDOT’s traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating “NA” for not available. It is the intention of the VDOT’s Mobility Management Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate “NA” for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

Glossary of Terms:

Route: The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

Length: Length of the traffic segment in miles.

AADT: Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

4Tire: Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

Bus: Percentage of the traffic volume made up of busses.

2Axle Truck: Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

3+Axle Truck: Percentage of the traffic volume made up of single unit trucks with three or more axles.

1Trail Truck: Percentage of the traffic volume made up of units with a single trailer.

2Trail Truck: Percentage of the traffic volume made up of units with more than one trailer.

QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

Peak Hour: The estimate of the traffic volume for the 30th highest traffic volume occurring in a one-year period divided by the AADT for the same one-year period.

QK: Quality of the Peak Hour estimate:

- A Factor based on 30th Highest Hour Observed During 12 Months of Continuous Traffic Data
- B Factor based on 30th Highest Hour Observed During Less than 12 Months of Continuous Traffic Data
- F Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of 30th Highest Hour
- N Peak Hour Factor of Similar Neighboring Traffic Link
- O Provided by External Source

Dir Factor: The estimate of the portion of the traffic volume traveling in the peak direction during the Peak Hour..

AAWDT: Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

QW: Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- M Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

Year: Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

Route Shield Legend

Route Systems

North 	Interstate Route	Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.
	US Route	
	Virginia State Route	
	Secondary Route	

Special Routes

Bus 	Bus - Business Route
	Bypas - Bypass Route
	Truck - Truck Route
ALT 	ALT - Alternate Route
	Wve - Wye Route connector
	P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.
	The VDOT Maintenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

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City of Roanoke

Route		Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	Peak Hour	QK	Dir Factor	AAWDT	QW	Year
							2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																	
11	Brandon Ave	1.35	22000	G	From:	ECL Salem					F	0.090	F	0.58	25000	G	2002
					To:												
11	Brandon Ave	1.03	12000	G	From:	Edgewood St; Mud Lick Rd					F	0.088	F	0.543	13000	G	2002
					To:												
11	Grandin Rd	0.70	8400	G	From:	Grandin Rd					F	0.089	F	0.599	9200	G	2002
					To:	Brandon Ave											
11	Memorial Avenue	0.84	12000	B	From:	Memorial Avenue					A	0.116	A	0.607	14000	B	2002
					To:	Grandin Rd											
11	Campbell Ave	0.53	4600	G	From:	Campbell Ave					F	0.12	F	0.792	5100	G	2002
					To:	Memorial Ave											
		Combined Traffic:	12000	G	97%	0%	2%	0%	0%	0%	F	0.12	F	0.792	12000	G	
11	Campbell Ave	0.47	6900	G	From:	7th St					F	0.093	F		7600	G	2002
					To:												
		Combined Traffic:	11000	G	97%	0%	2%	0%	0%	0%	F	0.093	F		12000	G	
11	Campbell Ave	0.28	6800	G	From:	3rd St					F	0.098	F		7500	G	2002
					To:												
		Combined Traffic:	13000	G	97%	0%	2%	0%	0%	0%	F	0.098	F		14000	G	
11	Campbell Ave	0.05	7600	M	From:	US 221						0.098	N		NA		2002
					To:												
		Combined Traffic:	12000	M								0.098	N		NA		
11	Williamson Rd	0.22	20000	G	From:	Williamson Rd					F	0.094	F	0.515	23000	G	2002
					To:	Campbell Ave											
11	Williamson Rd	0.15	19000	G	From:	Shenandoah Ave					F	0.087	F	0.512	21000	G	2002
					To:												
11	Williamson Rd	0.50	12000	G	From:	I-581					F	0.079	F	0.563	13000	G	2002
					To:												
11	Williamson Rd	0.92	16000	G	From:	US 460 Orange Ave					F	0.074	F	0.523	16000	G	2002
					To:												
11	Williamson Rd	0.51	17000	G	From:	Liberty Rd					F	0.084	F	0.523	17000	G	2002
					To:												
11	Williamson Rd	1.27	18000	G	From:	10th St					F	0.083	F	0.515	18000	G	2002
					To:												
11	Williamson Rd	0.11	21000	G	From:	SR 101 Hershberger Rd					F	0.093	F	0.576	21000	G	2002
					To:												
11	Williamson Rd	0.39	18000	G	From:	SR 118 Airport Rd					F	0.090	F	0.547	18000	G	2002
					To:												
11	13th St	0.25	4200	G	From:	Campbell Ave					F	0.11	F	0.596	4500	G	2002
					To:												
		Combined Traffic:	12000	M								0.098	N		NA		
11	Salem Ave	0.34	6900	G	From:	Salem Ave					F	0.092	F	0.596	7300	G	2002
					To:	13th St											
		Combined Traffic:	12000	G	97%	0%	2%	0%	0%	0%	F	NA			12000	G	
11	Salem Ave	0.40	4200	G	From:	9th St					F	0.097	F	0.743	4400	G	2002
					To:												
		Combined Traffic:	8900	G	97%	0%	2%	0%	0%	0%	F	NA			9500	G	
11	Salem Ave	0.30	7000	G	From:	5th St					F	0.101	F	0.722	7300	G	2002
					To:												
		Combined Traffic:	14000	G	97%	0%	2%	0%	0%	0%	F	NA			15000	G	
11	2nd St				From:												
					To:												

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Route		Length	AADT	QA	4Tire	Bus	Truck				QC	Peak Hour	QK	Dir Factor	AAWDT	QW	Year								
							2Axle	3+Axle	1Trail	2Trail															
City of Roanoke																									
11	Salem Ave	0.22	6200	G	From:	2nd St					F	0.119	F	0.647	6500	G	2002								
					97%	0%	2%	0%	0%	0%															
					Combined Traffic:	13000	G	97%	0%	2%								0%	0%	0%	F	NA	14000	G	
								Jefferson St																	
ALT 11	460	Melrose Ave	0.65	18000	G	From:	ECL Salem					F	0.087	F	0.526	19000	G	2002							
ALT 11	460	Melrose Ave	1.75	13000	G	From:	SR 117 Peters Creek Rd					F	0.089	F	0.516	14000	G	2002							
ALT 11	460	Melrose Ave	0.41	12000	G	From:	24th St					F	0.095	F	0.521	13000	G	2002							
ALT 11	460	Orange Ave	1.00	14000	G	From:	Salem Turnpike					F	0.087	F	0.554	14000	G	2002							
ALT 11	460	Orange Ave	0.90	17000	B	From:	10TH ST, Gainsboro Rd					C	0.093	A	0.512	18000	B	2002							
ALT 11	460	Orange Ave	0.24	17000	N	From:	I-581, US 220, ALT SR 220					N	0.093	N	0.512	18000	N	2002							
24	Jamison Ave	0.42	12000	N	From:	Elm Ave					N	0.085	N		13000	N	2002								
					96%	0%	2%	1%	1%	0%															
					Combined Traffic:	24000	G	96%	0%	2%								1%	1%	0%	C	0.085	F	13000	G
24	Jamison Ave	0.68	12000	G	From:	6th St					C	0.085	F		13000	G	2002								
					96%	0%	2%	1%	1%	0%															
					Combined Traffic:	24000	G	96%	0%	2%								1%	1%	0%	C	0.085	F	25000	G
24	Jamison Ave	0.19	27000	G	From:	13th St					F	0.09	F	0.597	29000	G	2002								
					96%	0%	2%	1%	1%	0%															
24	Dale Ave	0.69	26000	G	From:	Dale Ave					F	0.092	F	0.623	27000	G	2002								
24	Bullitt Ave	0.68	12000	G	From:	6th St					C	0.096	F		12000	G	2002								
					95%	0%	2%	1%	1%	0%															
					Combined Traffic:	24000	G	96%	0%	2%								1%	1%	0%	C	NA	25000	G	
101	Hershberger Rd	1.34	10000	G	From:	SR 117 Peters Creek Rd					C	0.088	F	0.513	11000	G	2002								
					98%	0%	1%	0%	1%	0%															
101	Hershberger Rd	0.58	28000	G	From:	SR 116 Cove Rd					F	0.099	F	0.546	31000	G	2002								
					97%	0%	1%	0%	1%	0%															
101	Hershburger Rd	1.25	37000	G	From:	I-581					F	0.093	F	0.54	41000	G	2002								
					97%	0%	1%	0%	1%	0%															
115	Hollins Road	1.02	7300	G	From:	Orange Ave					C	0.091	F	0.528	7600	G	2002								
					92%	1%	3%	1%	2%	0%															
115	Liberty Road	0.30	5100	G	From:	Liberty St					F	0.104	F	0.532	5300	G	2002								
115	Plantation Road	0.88	9800	G	From:	Hollins Rd					C	0.092	F	0.558	10000	G	2002								
					92%	1%	3%	1%	2%	0%															
115	Plantation Road	0.66	18000	G	From:	Plantation Rd					C	0.092	F	0.556	18000	G	2002								
					94%	1%	2%	1%	2%	0%															
116	Mt Pleasant Blvd	0.70	7300	G	From:	Hollins Rd					C	0.092	F	0.556	18000	G	2002								
					95%	1%	2%	1%	2%	0%															
116	Mt Pleasant Blvd	0.70	7300	G	From:	NCL Roanoke					F	0.113	F	0.808	7700	G	2002								
					93%	1%	3%	3%	1%	0%															

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							2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																	
116	Riverland Rd	0.62	8600	G	From:	MT Pleasant					C	0.085	F	0.607	9000	G	2002
					To:												
116	Riverland Rd	0.73	7600	G	From:	9Th St					F	0.105	F	0.683	7900	G	2002
					To:												
116	Piedmont St	0.07	4600	G	From:	Piedmont St Riverland Rd					F	0.110	F	0.712	4800	G	2002
					To:												
116	Walnut Ave	0.26	5100	G	From:	Walnut Ave Piedmont St					C	0.097	F	0.659	5300	G	2002
					To:												
116	Jefferson St	0.42	10000	G	From:	Jefferson St Walnut Ave					F	0.082	F	0.57	11000	G	2002
					To:												
116	221 Jefferson St	0.18	9000	G	From:	US 221; 1US 221-P; 128-8015 Gap T					F	0.087	F	0.79	9500	G	2002
					To:												
116	11 Campbell Ave	0.05	7600	M	From:	US 11						0.098	N		NA		2002
					To:												
Combined Traffic:												0.098	N		NA		
116	11 Williamson Rd	0.22	20000	G	From:	Williamson Rd Campbell Ave					F	0.094	F	0.515	23000	G	2002
					To:												
116	11 Williamson Rd	0.15	19000	G	From:	Shenandoah Ave					F	0.087	F	0.512	21000	G	2002
					To:												
116	11 Williamson Rd	0.50	12000	G	From:	I-581					F	0.079	F	0.563	13000	G	2002
					To:												
116	460 Orange Ave	0.24	17000	N	From:	US 11 US 460					N	0.093	N	0.512	18000	N	2002
					To:												
116	460 Orange Ave	0.90	17000	B	From:	I-581, US 220, ALT SR 220					C	0.093	A	0.512	18000	B	2002
					To:												
116	460 Orange Ave	1.00	14000	G	From:	10th St, Gainsboro Rd					F	0.087	F	0.554	14000	G	2002
					To:												
116	460 Melrose Ave	0.41	12000	G	From:	Salem Turnpike					F	0.095	F	0.521	13000	G	2002
					To:												
116	Lafayette Blvd	0.73	7100	G	From:	Melrose Ave					C	0.086	F	0.567	7500	G	2002
					To:												
116	Cove Rd	0.72	14000	G	From:	Cove Rd Lafayette Blvd					F	0.085	F	0.538	15000	G	2002
					To:												
117		2.34	15000	G	From:	US 11					F	0.093	F	0.516	16000	G	2002
					To:												
117	Peters Creek Rd	0.46	23000	G	From:	Aerial Way Dr Melrose Ave					F	0.093	F	0.514	26000	G	2002
					To:												
117	Peters Creek Rd	0.87	18000	G	From:	Hershburger Rd					F	0.092	F	0.514	20000	G	2002
					To:												
117	Peters Creek Rd	1.37	18000	G	From:	Cove Rd					F	0.093	F	0.529	20000	G	2002
					To:												
117	Peters Creek Rd	0.82	21000	A	From:	I-581					A	0.112	A	0.517	23000	A	2002
					To:												
118	Airport Rd	0.63	8600	G	From:	US 11 Williamson Rd					F	0.104	F	0.555	9000	G	2002
					To:												


















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2Axle 3+Axle 1Trail 2Trail																
City of Roanoke																
118 Airport Rd	1.01	11000	B	From:	Municipal Rd				B	0.113	A	0.564	11000	B	2002	
				To:	NCL Roanoke											
220 Franklin Rd	1.50	37000	G	From:	SCL Roanoke				F	0.085	F	0.599	37000	G	2002	
				To:	BUS US 220; SR 419 Electric Rd											
220 Roy Webber Expwy	1.80	50000	G	From:	Wonju St				F	0.089	F	0.576	50000	G	2002	
				To:	SR 24 Elm Ave; I-581											
220 581	0.66	71000	G	From:	See I-581 for directional traffic volume estimates for this segment.				F	0.089	F	0.515	74000	G		
				To:	US 11 Williamson Rd											
220 581	0.31	78000	G	From:	See I-581 for directional traffic volume estimates for this segment.				F	0.088	F		81000	G		
				To:	US 460 Orange Ave											
220 581	2.79	62000	A	From:	See I-581 for directional traffic volume estimates for this segment.				C	0.107	A	0.535	68000	A		
				To:	SR 101 Hershberger Rd											
220 581	1.75	58000	G	From:	See I-581 for directional traffic volume estimates for this segment.				F	0.096	F		60000	G		
				To:	SR 117 Peters Creek Rd											
Bus 220 Franklin Rd	0.27	23000	G	From:	US 220 SR 419 South of Roanoke				F	0.086	F	0.516	24000	G	2002	
				To:	Penarth Road											
Bus 220 Franklin Rd	1.92	15000	G	From:	US 220 Roy Webber Exp				F	0.102	F	0.627	15000	G	2002	
				To:	28-8015											
ALT 220 460 Orange Ave	0.24	17000	N	From:	I-581, US 220, ALT SR 220				N	0.093	N	0.512	18000	N	2002	
				To:	US 11 Williamson Rd											
ALT 220 460 Orange Ave	0.49	40000	G	From:	SR 115 Hollins Rd				F	0.079	F	0.536	42000	G	2002	
				To:	24th St											
ALT 220 460 Orange Ave	1.14	44000	G	From:	128-8055 King St				F	0.086	F	0.571	47000	G	2002	
				To:	Roanoke County Line											
221 Brambleton Ave	1.39	13000	G	From:	WCL Roanoke				C	0.097	F	0.562	13000	G	2002	
				To:	Overland Road											
221 Brambleton Ave	0.52	8900	G	From:	Brandon Ave				F	0.112	F	0.679	9300	G	2002	
				To:	8th St											
221 Main St	1.19	10000	G	From:	US 220 Franklin Rd				C	0.084	F	0.535	9700	G	2002	
				To:												

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
221 Elm Ave	0.30	11000	G	From:	US 220 Franklin Rd					F	0.082	F	0.504	11000	G	2002
				To:	SR 24 SR 116											
				SR 116 US 221 Bus P												
221 Jefferson St	0.18	9000	G	97%	0%	1%	1%	0%	0%	F	0.087	F	0.79	9500	G	2002
221 11 Campbell Ave	0.05	7600	M	From:	US 11 Salem Ave						0.098	N		NA		2002
				To:	Williamson Rd											
				SALEM AVE												
221 11 Williamson Rd	0.22	20000	G	97%	0%	2%	0%	0%	0%	F	0.094	F	0.515	23000	G	2002
221 11 Williamson Rd	0.15	19000	G	From:	Shenandoah Ave					F	0.087	F	0.512	21000	G	2002
				To:	I-581											
				RT 460 S												
221 460 Orange Ave	0.49	40000	G	94%	1%	2%	1%	2%	0%	F	0.079	F	0.536	42000	G	2002
221 460 Orange Ave	1.14	44000	G	From:	SR 115 Hollins Rd					F	0.086	F	0.571	47000	G	2002
				To:	24th St											
				128-8055 King St												
221 460 Orange Ave	0.18	39000	G	91%	0%	2%	1%	5%	0%	F	0.091	F	0.550	41000	G	2002
221 Franklin Rd	0.40	9600	G	From:	US 221 Elm Ave					F	0.113	F	0.698	10000	G	2002
				To:	US 221 SR 116 Jefferson St											
				Roanoke County Line												
419 Electric Rd	0.07	52000	G	98%	0%	1%	0%	1%	0%	F	0.088	F	0.558	52000	G	2002
460 Melrose Ave	0.65	18000	G	From:	ECL Salem					F	0.087	F	0.526	19000	G	2002
				To:	SR 117 Peters Creek Rd											
				24th St												
460 Melrose Ave	1.75	13000	G	94%	1%	2%	1%	2%	0%	F	0.089	F	0.516	14000	G	2002
460 Melrose Ave	0.41	12000	G	From:	Salem Turnpike					F	0.087	F	0.554	14000	G	2002
				To:	10th St, Gainsboro Rd											
				I-581, US 220, ALT SR 220												
460 Orange Ave	0.90	17000	B	94%	1%	2%	1%	2%	0%	C	0.093	A	0.512	18000	B	2002
460 Orange Ave	0.24	17000	N	From:	US 11 Williamson Rd					N	0.093	N	0.512	18000	N	2002
				To:	SR 115 Hollins Rd											
				24th St												
460 Orange Ave	1.37	32000	G	91%	0%	2%	1%	5%	0%	F	0.075	F	0.593	34000	G	2002
460 Orange Ave	0.18	39000	G	From:	128-8055 King St					F	0.091	F	0.550	41000	G	2002
				To:	Roanoke County Line											

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
				From:	SR 24 Elm Ave; US 220 Webber Expy											
	0.66	39000	G	92%	0%	1%	1%	5%	0%	F	0.09	F		39000	G	2002
	Combined Traffic:	71000	G	92%	0%	2%	1%	5%	0%	F	0.089	F	0.515	74000	G	
				To:	US 11 Williamson Rd											
	0.31	43000	G	92%	0%	1%	1%	5%	0%	F	0.088	F		43000	G	2002
	Combined Traffic:	78000	G	92%	0%	2%	1%	5%	0%	F	0.088	F		81000	G	
				To:	US 460 Orange Ave											
	2.79	31000	A	92%	0%	1%	1%	5%	0%	C	0.112	A		34000	A	2002
	Combined Traffic:	62000	A	92%	0%	2%	1%	5%	0%	C	0.107	A	0.535	68000	A	
				To:	SR 101 Hershberger Rd											
	1.75	29000	G	92%	0%	1%	1%	5%	0%	F	0.096	F		29000	G	2002
	Combined Traffic:	58000	G	92%	0%	2%	1%	5%	0%	F	0.096	F		60000	G	
				To:	SR 117 Peters Creek Rd											
				From:	SR 24 Elm Ave; US 220 Webber Expy											
	0.77	32000	G	92%	0%	2%	1%	5%	0%	F	0.097	F		34000	G	2002
Combined Traffic:	71000	G	92%	0%	2%	1%	5%	0%	F	NA			74000	G		
				To:	US 11 Williamson Rd											
	0.45	36000	G	92%	0%	2%	1%	5%	0%	F	0.085	F		38000	G	2002
	Combined Traffic:	78000	G	92%	0%	2%	1%	5%	0%	F	NA			81000	G	
				To:	US 460 Orange Ave											
	2.90	31000	A	92%	0%	2%	1%	5%	0%	A	0.112	A		34000	A	2002
	Combined Traffic:	62000	A	92%	0%	2%	1%	5%	0%	C	NA			68000	A	
				To:	SR 101 Hershberger Rd											
	1.33	29000	G	92%	0%	2%	1%	5%	0%	F	0.097	F		31000	G	2002
	Combined Traffic:	58000	G	92%	0%	2%	1%	5%	0%	F	NA			60000	G	
	2nd St	0.23	NA								NA			NA		
				To:	3US 11-P											
		2nd St, Gainsboro Rd	0.73	7700	G	94%	1%	4%	1%	1%	C	0.125	F	0.706	8000	G
				To:	Orange Ave											
		Wonju St	0.30	14000	G											
				From:	Franklin St											
				To:	Colonial Ave											
	Kimball Ave	0.75	7900	G												
				From:	Williamson Rd											
				To:	Orange Ave											
	Plantation Rd	0.33	NA								NA			NA		
				From:	US 460											
		Plantation Rd	0.82	7400	G											
				To:	Mohawk Ave											
				To:	Liberty Rd											
	Wells Ave	0.38	6200	G												
				From:	2Nd St											
				To:	Williamson Rd											
	Wise Ave	0.72	6700	G												
				From:	Norfolk Ave											
				To:	Vinton Ave											
	9Th St	0.21	6700	G												
				From:	Riverland Rd											
				To:	0.1 S N&W RR											

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
8 9Th St	1.17	11000	G	From:	0.1 S N&W RR				F	0.089	F	0.549	12000	G	2002	
				To:	Tazewell Ave											
8001 Colonial Ave	1.16	12000	G	From:	WCL Roanoke				F	0.094	F	0.545	12000	G	2002	
				To:	Persinger Rd											
8001 Colonial Ave	0.81	NA		From:	Persinger Road				NA				NA			
				To:	Brandon Ave											
8003 Yellow Mountain Rd	2.59	2200	G	From:	SCL Roanoke				C	0.128	F	0.769	2300	G	2002	
				To:	Jefferson St											
8003 McClanahan St	0.48	11000	G	From:	97% 0% 2% 0% 0% 0%				C	0.092	F	0.551	11000	G	2002	
				To:	Franklin Rd											
8005 Bandy Rd	0.37	NA		From:	ECL Roanoke				NA				NA			
				To:	128-8009 Garden City Blvd.											
8008 Salem Tnpk	1.35	7200	G	From:	WCL Roanoke				F	0.095	F	0.511	7500	G	2002	
				To:	36Th St											
8008 Salem Tnpk	1.20	8800	G	From:	Westwood Blvd				C	0.088	F	0.512	9300	G	2002	
				To:	24Th ST											
8009 Garden City Blvd	0.42	4700	G	From:	Yellow Mtn Rd				F	0.102	F	0.605	4900	G	2002	
				To:	Ray Rd											
8009 Garden City Blvd	1.36	6800	G	From:	96% 0% 2% 1% 1% 0%				C	0.087	F	0.636	7100	G	2002	
				To:	SR 116 Riverland Rd											
8010 Shenandoah Ave	2.13	12000	G	From:	WCL Roanoke				C	0.093	F	0.51	13000	G	2002	
				To:	24Th St											
8010 Shenandoah Ave	0.77	9000	G	From:	95% 0% 2% 1% 1% 0%				F	0.1	F	0.528	9500	G	2002	
				To:	15Th St											
8010 Shenandoah Ave	0.86	8800	G	From:	97% 0% 1% 1% 1% 0%				C	0.109	F	0.536	9300	G	2002	
				To:	5Th St											
8010 Shenandoah Ave	0.29	5100	G	From:	97% 0% 1% 1% 1% 0%				F	0.1	F	0.685	5300	G	2002	
				To:	Williamson Rd											
8011 Odgen Rd	0.55	9300	G	From:	SCL Roanoke				C	0.093	F	0.548	9800	G	2002	
				To:	WCL Roanoke											
8013 Grandin Rd	1.11	NA		From:	SCL Roanoke				NA				NA			
				To:	US 11											
8014 Grandin Rd	0.72	4700	G	From:	SR 419				F	0.107	F	0.527	4900	G	2002	
				To:	Mudlick Rd											
8014 Grandin Rd	0.97	2900	G	From:	97% 1% 1% 0% 1% 0%				C	0.097	F	0.512	3100	G	2002	
				To:	Garst Mill Rd											
8015 Franklin Rd	0.60	14000	G	From:	US 220 Bus				C	0.094	F	0.692	15000	G	2002	
				To:	Elm Ave											
8015 Tazewell Ave	0.14	NA		From:	SR 116 US 221; IUS 221-P Gap Te				NA				NA			
				To:	Williamson Road											
8015 Tazewell Ave	0.54	6000	G	From:	Williamson Rd				C	0.116	F	0.818	6300	G	2002	
				To:	9Th St											

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
(8015) Tazewell Ave	0.34	4400	G	From: 9Th St	96%	0%	3%	1%	0%	F	0.138	F	0.899	4600	G	2002
				To: 13Th St												
(8018) Green Ridge Road	1.23	NA		From: NCL Roanoke NCL Salem							NA			NA		
				To: SR 117 Peters Creek Road												
(8018) Cove Rd	1.49	7500	G	From: 98%	0%	1%	0%	0%	0%	C	0.097	F	0.547	7900	G	2002
				To: Hershberger Rd												
(8020) Mud Lick Rd	1.43	NA		From: 128-8014 Grandin Rd							NA			NA		
				To: US 11 Brandon Ave												
(8020) Edgewood Ave	0.76	7700	G	From: Brandon Ave	99%	0%	1%	0%	0%	C	0.098	F	0.518	8100	G	2002
				To: Memorial Ave												
(8020) Memorial Ave	0.71	5600	G	From: Edgewood Ave	99%	0%	1%	0%	0%	F	0.106	F	0.533	5800	G	2002
				To: Grandin Rd												
(8022) Hershberger Rd	0.60	11000	G	From: Williamson Rd	97%	0%	2%	0%	1%	C	0.086	F	0.592	12000	G	2002
				To: ECL Roanoke												
(8023) Bennington St	0.54	12000	G	From: Riverside Terrace	97%	0%	2%	0%	1%	F	0.095	F	0.555	13000	G	2002
				To: Carlisle Ave												
(8023) Bennington St	1.37	NA		From: Carlisle Avenue							NA			NA		
				To: Norfolk Ave												
(8023) Hollins Rd	0.39	8600	G	From: 97%	0%	2%	0%	1%	0%	F	0.086	F	0.515	9000	G	2002
				To: US 460 Orange Ave												
(8023) Old Mountain Rd	1.75	6300	G	From: Hollins Rd	96%	0%	2%	1%	1%	F	0.103	F	0.624	6600	G	2002
				To: NCL Roanoke 80-605												
(8024) Mountain View Terrace	0.49	420	G	From: Memorial Ave	96%	0%	2%	1%	1%	F	0.115	F	0.523	440	G	2002
				To: Chesterfield St												
(8024) Chesterfield Street	0.16	NA		From: Mountain View Terrace							NA			NA		
				To: 128-8020 Chesterfield Street												
(8025) Jefferson St	0.43	12000	G	From: McClanahan St	96%	0%	2%	1%	1%	F	0.092	F	0.6	13000	G	2002
				To: Reserve Ave												
(8025) Jefferson St	0.40	13000	G	From: 96%	0%	2%	1%	1%	0%	C	0.089	F	0.556	14000	G	2002
				To: Walnut Ave												
(8027) Wonju St	0.27	14000	G	From: Franklin Ave	96%	0%	2%	1%	1%	F	0.104	F	0.554	15000	G	2002
				To: Colonial Ave												
(8028) Patterson Ave	0.99	7600	G	From: Boulevard St	93%	1%	3%	1%	2%	C	0.083	F	0.567	7900	G	2002
				To: 13Th St												
(8028) Patterson Ave	0.58	3700	G	From: 93%	1%	3%	1%	2%	0%	F	0.086	F	0.573	3900	G	2002
				To: Campbell St												
(8029) Brandon Ave	0.82	15000	G	From: Grandin Rd	97%	0%	2%	1%	1%	F	0.087	F	0.505	16000	G	2002
				To: US 221 Brambleton Ave												
(8029) Brandon Ave	0.92	20000	G	From: Main St	97%	0%	2%	1%	1%	C	0.088	F	0.536	21000	G	2002
				To: Franklin Rd												

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
(8030) Loudon St	1.23	2000	G	From	24Th St				C	0.1	F	0.555	2100	G	2002	
				To	10Th St											
(8030) Loudon St	0.43	1200	G	92%	1%	4%	2%	1%	0%	F	0.088	F	0.592	1300	G	2002
				To	5Th St											
(8031) Maple Ave	0.36	NA		From	Dead End				NA			NA				
				To	SR 116											
(8032) Overland Rd	0.32	9500	G	From	Brambleton Ave				F	0.097	F	0.577	9900	G	2002	
				To	Colonial Ave											
(8035) 5th St	0.37	5500	G	From	Elm Ave				C	0.107	F	0.657	5800	G	2002	
				To	Salem Ave											
(8035) 5th St	0.78	8300	G	96%	1%	2%	1%	0%	0%	F	0.122	F	0.577	8700	G	2002
				To	Orange Ave											
(8036) Broadway Ave	0.23	3600	G	From	Wonju Ave				F	NA		NA			2002	
				To	Franklin Rd											
(8036) Broadway Ave	0.47	7900	G	98%	0%	1%	0%	0%	0%	C	0.095	F	0.627	8300	G	2002
				To	McClanahan St											
(8038) Fleming Ave	0.87	1500	G	From	Williamson Rd				F	0.115	F	0.543	1600	G	2002	
				To	Plantation Rd											
(8039) Bridge St	0.45	3100	G	From	Mountain View Terrace				F	0.094	F	0.66	3200	G	2002	
				To	Patterson Ave											
(8040) Reserve Ave	0.37	5900	G	From	Franklin Rd				F	0.090	F	0.598	6200	G	2002	
				To	Jefferson St											
(8041) 10th St	0.62	9100	G	From	Campbell Ave				F	0.081	F	0.573	9500	G	2002	
				To	Gilmer Ave											
(8041) 10th St	0.51	11000	G	95%	0%	2%	1%	1%	0%	F	0.09	F	0.553	11000	G	2002
				To	Rugby Blvd											
(8041) 10th St	0.58	10000	G	95%	0%	2%	1%	1%	0%	F	0.089	F	0.543	11000	G	2002
				To	I-581 Overpass											
(8041) 10th St	0.56	6400	G	From	Williamson Rd				F	0.091	F	0.585	6700	G	2002	
				To	Williamson Rd											
(8042) Belleview Ave	0.61	NA		From	Dead End				NA			NA				
				To	SR 116 Gap Terminus Walnut Ave											
(8042) Rutrough Rd	0.57	1500	G	From	SR 116 Mt Pleasant Blvd				F	0.096	F	0.603	1600	G	2002	
				To	ECL Roanoke											
(8045) 24th St	0.16	11000	G	From	Patterson Ave				F	0.086	F	0.52	11000	G	2002	
				To	Salem Ave											
(8045) 24th St	0.25	14000	G	95%	0%	2%	1%	1%	0%	F	0.084	F	0.558	15000	G	2002
				To	Baker Ave											
(8045) 24th St	0.41	11000	G	95%	0%	2%	1%	1%	0%	F	0.087	F	0.513	11000	G	2002
				To	Melrose Ave											
(8048) Riverland Rd	0.78	1500	G	From	Bennington St				F	0.104	F	0.589	1600	G	2002	
				To	ECL Roanoke											

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
(8050) Gus Nicks Blvd	0.70	20000	G	From:	Orange Ave					C	0.089	F	0.598	21000	G	2002
				To:	SCL Roanoke											
(8053) Burwell St	0.35	6100	G	From:	Orange Ave					F	0.099	F	0.607	6400	G	2002
				To:	Liberty Rd											
(8053) Liberty Rd	0.74	4700	G	From:	Burrell St					C	0.099	F	0.612	4900	G	2002
				To:	Williamson Rd											
(8053) Liberty Rd	0.40	4900	G	From:	Plantation Rd					F	0.086	F	0.586	5200	G	2002
				To:												
(8055) King St	1.46	9900	G	From:	Gus Nicks Blvd					F	0.097	F	0.504	10000	G	2002
				To:	US 460											
(8057) Westside Blvd	0.65	NA		From:	128-8008 Salem Turnpike					NA				NA		
				To:	US 460											
(8057) Westside Blvd	0.54	NA		From:						NA				NA		
				To:	SR 101											
17th St		200	G	From:	Centre Ave						0.116	F		210	G	2002
				To:	Loudon Ave											
18th St		120	G	From:	Edgerton Ave						0.107	F		120	G	2002
				To:	Riverdale Rd											
19th St		2400	G	From:	Orange Ave						0.099	F		2600	G	2002
				To:	Hanover Ave											
25Th St		980	G	From:	Baker Ave						0.079	F		1000	G	2002
				To:	Centre Ave											
5th St		4000	G	From:	Centre Ave						0.088	F		4200	G	2002
				To:	Moorman Rd											
7Th St		640	G	From:	Dale Ave						0.114	F		670	G	2002
				To:	Stewart Ave											
9Th St		7500	G	From:	River Ave						0.091	F		7900	G	2002
				To:	Industry Ave											
Avenham Ave		270	G	From:	White Oak Rd						0.091	F		280	G	2002
				To:	Clydesdale St											
Barnhill Ln		80	G	From:	Windsor Rd						0.133	F		80	G	2002
				To:	Grandin Rd											
Dunkirk Ave		1400	G	From:	Clyde St						0.142	F		1500	G	2002
				To:	Cline St											
Fairhope Rd		1600	G	From:	Cove Rd						0.107	F	0.5	1700	G	2002
				To:	Appleton Ave											
Fauquier St		3500	G	From:	Memorial Ave						0.089	F		3700	G	2002
				To:	Denniston Ave											

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						2Axle	3+Axle	1Trail	2Trail							
Fleming Ave		1700	G	From	Plantation Rd					0.095	F	0.603	1800	G	2002	
				To	Bohon St											
Forest Park Blvd		1800	G	From	Olive Ave					0.092	F	0.529	1900	G	2002	
				To	Alder St											
Fugate Rd		1300	G	From	Collingwood St					0.105	F		1300	G	2002	
				To	Luray St											
Greenbrier Ave		520	G	From	Kenwood Blvd					0.109	F		550	G	2002	
				To	Fallon Ave											
Hazelridge Rd		410	G	From	Hershberger Rd					0.080	F		430	G	2002	
				To	Vincient Ave											
Heritage Rd		240	G	From	Dogwood Ln S					0.098	F		250	G	2002	
				To	Dogwood La N											
Hildebrand Rd		2500	G	From	Hershberger Rd					0.092	F		2600	G	2002	
				To	Whitney Ave											
Hillview Ave		100	G	From	Garden City Blvd					0.189	F		100	G	2002	
				To	Ventnor Rd											
Langdon Rd		180	G	From	Lansing Dr					0.128	F		190	G	2002	
				To	Fairway Dr											
Liberty Rd		120	G	From	Hollins Rd					0.095	F		130	G	2002	
				To	Norton Ave											
Maplelawn Ave		250	G	From	Oakland Ave					0.108	F		260	G	2002	
				To	Link St											
Meadow Run Dr		120	G	From	Brook Run Dr					0.109	F		130	G	2002	
				To	Spring Tree Dr											
Meadowbrook Rd		720	G	From	Northwood Dr					0.088	F		760	G	2002	
				To	Sloan Rd											
Mecca St		970	G	From	King St					0.118	F	0.512	1000	G	2002	
				To	Belle Ave											
Melcher St		150	G	From	Yellow Mt Rd					0.104	F		160	G	2002	
				To	Carico Ave											
Monroe St		470	G	From	Vermont Ave					0.099	F		500	G	2002	
				To	Main Ave											
Monterey Rd		180	G	From	Old Mountain Rd					0.150	F		180	G	2002	
				To	Dead End											
Montrose Ave		1300	G	From	Morningside St					0.108	F		1400	G	2002	
				To	11Th St											
Oaklawn Ave		5600	G	From	Winsloe Dr					0.093	F		5800	G	2002	
				To	Hazelridge Rd											

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						2Axle	3+Axle	1Trail	2Trail							
Persinger Rd		2100	G			From: Colonial Ave					0.088	F	0.643	2200	G	2002
						To: Bluefield Blvd										
Portland Ave		530	G			From: Cove Rd					0.107	F	0.508	560	G	2002
						To: Oleva St										
Ray Rd		140	G			From: New Spring Branch Rd					0.110	F		150	G	2002
						To: Dead End										
Renfro Blvd		120	G			From: Gun Club Rd					0.210	F		130	G	2002
						To: Pilot St										
Reynolds Rd		900	G			From: Mabry Ave					0.114	F		950	G	2002
						To: ECL Roanoke										
Richard Ave		910	G			From: Cannaday Rd					0.091	F	0.506	960	G	2002
						To: Mecca St										
Ridgefield St		300	G			From: Mississippi Ave					0.169	F	0.782	310	G	2002
						To: Norton Ave										
Roanoke Ave		480	G			From: Burks St					0.145	F		500	G	2002
						To: Byrne St										
Salem Ave		2800	G			From: 19Th St					0.077	F		3000	G	2002
						To: 20Th St										
Sweetbrier Ave		200	G			From: Rosewood Ave					0.085	F		220	G	2002
						To: Brambleton Ave										
Valentine Ave		180	G			From: East of Deyerle Rd					0.108	F	0.711	190	G	2002
						To:										
Ventnor Rd		460	G			From: Eanes Rd					0.098	F		490	G	2002
						To: Hillview Ave										
Vinyard Ave		20	G			From: Omar Ave					0.164	F	0.667	20	G	2002
						To: Atherly St										
Virginia Ave		10	G			From: Comer St					0.355	F		10	G	2002
						To: Dead End										
Whitney Ave		540	G			From: Woodbury St					0.094	F		560	G	2002
						To: Winsloe Dr										
Willow Oak Dr		220	G			From: Shadblow La					0.117	F	0.614	230	G	2002
						To: Winterberry La										
Windsor Ave		700	G			From: Edgewood St					0.101	F		730	G	2002
						To: Derwent Dr										